

SYSTEM AND METHOD FOR MAPPING INTERFACE FUNCTIONALITY
TO CODEC FUNCTIONALITY IN A PORTABLE AUDIO DEVICE

ABSTRACT OF THE DISCLOSURE

A portable digital audio device is capable of playing a number of different data file types, such as music data files, speech data files, video data files, and the like. Different CODECs are generally used for different data types. The system determines the data file type and selects the appropriate CODEC based on the reported data file type. In addition, the reported data file type is used to select the appropriate media interface manager and appropriate user interface. The user interface, or “skin” is selected for compatibility with the media interface manager and selected CODEC. The appropriate controls are enabled and displayed for user operation. As new CODECs are added to the system, appropriate media interface managers and skins are also added to provide the necessary user interface compatibility.

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